

7.2 Area Between Curves

definition

Dec 14-9:13 PM

Find the area of the region between $y = \sec^2 x$
and $y = \sin x$ from $x=0$ to $x=\pi/4$

Dec 14-9:18 PM

Find the area of the region enclosed by the parabola $y=2-x^2$ and the line $y=-x$.

Dec 14-9:33 PM

Find the area bounded above by $y = \sqrt{x}$
and below by the x-axis and the line $y = x-2$
a) by integrating with respect to x
b) by integrating with respect to y

Dec 14-9:35 PM

Find the area of the region enclosed by the graphs of
 $y = x^3$ and $x = y^2 - 2$

Dec 14-9:45 PM